

RECEIVED EIS000045

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SEP 27 1999

September 27, 1999
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As public input at the hearings for the Environmental Impact Statement dated July 1999.
I James G. Quirk Jr present the following:

1 The data gathered by Nye County in its oversight program was not entered into this draft. An example is the geothermal activity found not to far from Yucca Mountain. The EIS does not even consider the risk of volcanic activity at Yucca despite Nye County's findings and the fact that there is a very young cinder cone from a recent volcanic eruption under 20 miles from Yucca Mountain.

2 The draft EIS does not consider the risk of a major subterranean plate shift despite the very recent history of seismic activity. It only considers the actual movement of the ground at the site and the effect it will have on the processing facility and the canisters. The effect of a major plate shift on the water table was not considered. The last 20 years of history shows that the ability to predict such occurrences is not reliable. An example would be (within that 20 years) The earth quake near Arco Idaho. The valley floor dropped 5 feet or more, water from the under ground aquifer sprang up as springs and lakes that never existed prior. Waverly Person, chief of the US Geological Survey's Earth Quake Information Center, says "...There is no scientific way of predicting or forecasting." When speaking about earthquakes.

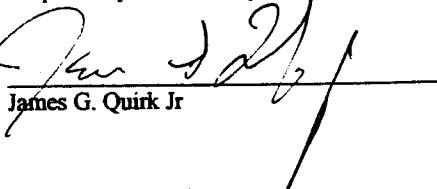
3 And considering the draft EIS statements about public exposure off the site of Yucca Mountain, the exposure to a person in the community that begins 15 miles from and that is down gradient from Yucca Mountain, they do not consider exposure an option. Not even "HYPOTHETICALLY EXPOSED INDIVIDUALS AND POPULATIONS". These are real people with real lives. Real exposure is not a statistically analyzed number, it is real death of real humans. And it hinges on a arbitrary number that one canister in the life of the repository may fail and the contents may get carried to the ground water and may travel at a certain rate to the population and may be ingested, breathed or otherwise absorbed in to the body of a human...etc..... What if two canisters fail? What about a hundred canisters? What if more water is going through the tunnel than is predicted?

4 "The worlds largest concentration of plutonium and radioactivity." A nice target for terrorists.

5 With no other alternatives given besides Yucca Mountain your only other choice is to say "NO" No repository, do nothing, go back to the drawing board. Don't put it there just because you have given yourselves no other choice. Go back start over and give your selves another choice.

6 The EIS is loaded with repeated, alternative tunnel designs, transport options and other such things to load it down and make it more cumbersome. Very suspicious that these are always alternatives that don't work... The time that I have been given to read it before this public hearing in my community Is not adequate. My community is the one that will be effected the most. I would like to request a second hearing in the community of Amargosa Valley closer to the end of the public comment period.

Respectfully submitted by:


James G. Quirk Jr